Sample Prompt Patterns for Creating Pre-assessments
Instructions: Anywhere that you see a placeholder like "<Fill in a List of Concepts>", please provide the requested information in the prompt. For example, if it says "<Fill in a List of Concepts>", you can replace the placeholder with something like "basic arithmetic operations".
"Prompt:' indicates what you would type into ChatGPT.

The following example requires the teacher to first fill in the rubric and then provide the customized prompt to students. This rubric can also be used to help create an initial draft of feedback for a teacher to edit and then provide to a student.
Example Prompts:

Prompt:

Using the following rubric, provide me suggestions to improve my work relative to each area of assessment. Do not give me answers, simply give me hints at what to improve:
Rubric:

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1. <Fill in Rubric 1>

2. <Fill in Rubric 2>

3. <etc....>

Ask me to provide my work.

Prompt:

We have been studying about <Fill in Detailed List of Topics>. Using the following rubric, provide me suggestions of concepts that I should review to improve my work. Do not give me answers, simply give me list of concepts to review:
Rubric:

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1. <Fill in Rubric 1>

2. <Fill in Rubric 2>

3. <etc....>

Ask me to provide my work.

Sample Prompt Patterns for Example Generation
Instructions: Anywhere that you see a placeholder like "<Fill in a List of Concepts>", please provide the requested information in the prompt. For example, if it says "<Fill in a List of Concepts>", you can replace the placeholder with something like "basic arithmetic operations".
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Example Prompts:

Prompt: Create examples of <Fill in a List of Concepts> that are expressed in terms of <List of Student Interests>

Prompt: Create examples of <Concept 1 and Concept 2> that are expressed in terms of <List of Student Interests> and help explain the difference between the two concepts.
Prompt: Create examples of <Concept 1> where there are special circumstances or exceptions to the rule.

Sample Prompt Patterns for Generating Solution Approaches
Instructions: Anywhere that you see a placeholder like "<Fill in a List of Concepts>", please provide the requested information in the prompt. For example, if it says "<Fill in a List of Concepts>", you can replace the placeholder with something like "basic arithmetic operations".
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Example Prompts:

Prompt: Provide me with 10 different possible approaches to solving <Fill in Problem Description> using <Resources Available to Solve Problem>.
Prompt: Provide me with 10 different possible approaches to solving <Fill in Problem Description> using <Resources Available to Solve Problem>. Compare the pros and cons of the approaches relative to my goal of <Fill in Overall Goal>.

Sample Prompt Patterns for On-demand Practice
Instructions: Anywhere that you see a placeholder like "<Fill in a List of Concepts>", please provide the requested information in the prompt. For example, if it says "<Fill in a List of Concepts>", you can replace the placeholder with something like "basic arithmetic operations".
"Prompt:' indicates what you would type into ChatGPT.

Example Prompts:

Prompt: We are learning about <Fill in a List of Concepts>. Please create a quiz for me based on these concepts and <Fill in Student Interests>. Ask me one question at a time.
Ask me the first question.
Prompt: Generate ten sample problems based on <Fill in a List of Concepts> that are expressed in terms of <Fill in Student Interests> and help me apply the concepts.